PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/199,070*

DATE: 06/13/94
TIME: 10:37:40

INPUT SET: S2358.raw

CL

#4

This Raw Listing contains the General
Information Section and up to the first 5 pages.

```
 1
 2                                    SEQUENCE LISTING   ENTERED
 3    (1)    General Information:
 4
 5        (i)  APPLICANT: MARASCO, WAYNE A
 6                       CHEN, SI-YI
 7
 8      (ii)  TITLE OF INVENTION: NUCLEIC ACID DELIVERY SYSTEM, METHOD OF
 9                 SYNTHESIS AND USES THEREOF
10
11     (iii)  NUMBER OF SEQUENCES: 9
12
13      (iv)  CORRESPONDENCE ADDRESS:
14            (A)  ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
15                 CUSHMAN
16            (B)  STREET: 130 WATER STREET
17            (C)  CITY: BOSTON
18            (D)  STATE: MASSACHUSETTS
19            (E)  COUNTRY: US
20            (F)  ZIP: 02109
21
22       (v)  COMPUTER READABLE FORM:
23            (A)  MEDIUM TYPE: Floppy disk
24            (B)  COMPUTER: IBM PC compatible
25            (C)  OPERATING SYSTEM: PC-DOS/MS-DOS
26            (D)  SOFTWARE: PatentIn Release #1.0, Version #1.25
27
28      (vi)  CURRENT APPLICATION DATA:
29            (A)  APPLICATION NUMBER: US 08/199,070
30            (B)  FILING DATE: 02-FEB-1994
31            (C)  CLASSIFICATION:
32
33    (viii)  ATTORNEY/AGENT INFORMATION:
34            (A)  NAME: CONLIN, DAVID G
35            (B)  REGISTRATION NUMBER: 27026
36            (C)  REFERENCE/DOCKET NUMBER: 43471
37
38      (ix)  TELECOMMUNICATION INFORMATION:
39            (A)  TELEPHONE: (617) 523-3400
40            (B)  TELEFAX: (617) 523-6440
41            (C)  TELEX: 200291 STRE UR
42
43
44    (2)  INFORMATION FOR SEQ ID NO:1:
45
46        (i)  SEQUENCE CHARACTERISTICS:
```

```
47              (A) LENGTH: 8 amino acids
48              (B) TYPE: amino acid
49              (C) STRANDEDNESS: unknown
50              (D) TOPOLOGY: unknown
51
52
53
54          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
55
56          Lys Lys Lys Tyr Tyr Lys Leu Lys
57            1               5
58
59      (2) INFORMATION FOR SEQ ID NO:2:
60
61          (i) SEQUENCE CHARACTERISTICS:
62              (A) LENGTH: 36 base pairs
63              (B) TYPE: nucleic acid
64              (C) STRANDEDNESS: unknown
65              (D) TOPOLOGY: unknown
66
67
68
69          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
70
71      TTTGAATTCA AGCTTACCAT GGAACATCTG TGGTTC                        36
72
73      (2) INFORMATION FOR SEQ ID NO:3:
74
75          (i) SEQUENCE CHARACTERISTICS:
76              (A) LENGTH: 33 base pairs
77              (B) TYPE: nucleic acid
78              (C) STRANDEDNESS: unknown
79              (D) TOPOLOGY: unknown
80
81
82
83          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
84
85      GGTACCGAAT TCTCTAGAAC AAGATTTGGG CTC                          33
86
87      (2) INFORMATION FOR SEQ ID NO:4:
88
89          (i) SEQUENCE CHARACTERISTICS:
90              (A) LENGTH: 36 base pairs
91              (B) TYPE: nucleic acid
92              (C) STRANDEDNESS: unknown
93              (D) TOPOLOGY: unknown
94
95
96
97          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
98
99      GGTACCGAAT TCTCTAGAAT GGCCAGGTAC AGATGC                        36
```

INPUT SET: S2358.raw

100
101 (2) INFORMATION FOR SEQ ID NO:5:
102
103   (i) SEQUENCE CHARACTERISTICS:
104   (A) LENGTH: 48 base pairs
105   (B) TYPE: nucleic acid
106   (C) STRANDEDNESS: unknown
107   (D) TOPOLOGY: unknown
108
109
110
111 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
112
113 TTTAGGATCC TTAACAACAC CTCATGGCTC TCCTCCGTGT CTGGCAGC   48
114
115 (2) INFORMATION FOR SEQ ID NO:6:
116
117   (i) SEQUENCE CHARACTERISTICS:
118   (A) LENGTH: 78 base pairs
119   (B) TYPE: nucleic acid
120   (C) STRANDEDNESS: unknown
121   (D) TOPOLOGY: unknown
122
123
124
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
126
127 TTAATTGCGG CCGCTTAGTG TCTTCTACAT CTCGGTCTGT ACCTGGGGCT GACACCTCAT 60
128
129 GGCTCTCCTC CGTGTCTG   78
130
131 (2) INFORMATION FOR SEQ ID NO:7:
132
133   (i) SEQUENCE CHARACTERISTICS:
134   (A) LENGTH: 33 base pairs
135   (B) TYPE: nucleic acid
136   (C) STRANDEDNESS: unknown
137   (D) TOPOLOGY: unknown
138
139
140
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
142
143 TTTAAGCTTA TGGGCGACGT CAGCTTCAGC ACC   33
144
145 (2) INFORMATION FOR SEQ ID NO:8:
146
147   (i) SEQUENCE CHARACTERISTICS:
148   (A) LENGTH: 27 base pairs
149   (B) TYPE: nucleic acid
150   (C) STRANDEDNESS: unknown
151   (D) TOPOLOGY: unknown
152

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/199,070*

153
154
155   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
156
157   TTTTCTAGAT TACTTCAGGT CCTCCGG
158   27
159   (2) INFORMATION FOR SEQ ID NO:9:
160
161   (i) SEQUENCE CHARACTERISTICS:
162   (A) LENGTH: 30 base pairs
163   (B) TYPE: nucleic acid
164   (C) STRANDEDNESS: unknown
165   (D) TOPOLOGY: unknown
166
167
168
169   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
170
171   TTTAAGCTTA TGGCCGACGT GGTGAGCCTG
172   30

INPUT SET: S2358.raw

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/199,070*

INPUT SET: S2358.raw

Line	Error	Original Text